

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :	Pierce et al.	Art Unit :	2611
Serial No. :	10008613	Examiner :	Koenig, Andrew Y
Filed :	11/8/2001	Conf. No. :	3742
Title :	SERVICES BASED ON POSITION LOCATION USING BROADCAST DIGITAL TELEVISION SIGNALS		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.56 and 1.97-98**

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is a modified form PTO-1449 listing documents for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of documents, or that inclusion of a document in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;
- ☐ after three months from the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; or (2) an action that otherwise closes prosecution in the application, and:

- ☐ attached hereto is the fee set forth under 37 CFR § 1.17(p) for submission of this Information Disclosure Statement under 37 CFR § 1.97(c); OR
- ☐ Applicant certifies pursuant to 37 CFR § 1.97(c) that:
  - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
  - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☐ before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; or (2) an action that otherwise closes prosecution in the application, and:
  - ☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
    - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
    - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND
  - ☐ attached hereto is the fee set forth under 37 CFR § 1.17 (p) for submission of this Information Disclosure Statement under 37 CFR § 1.97(c); OR
- ☐ after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No.    /    /   , filed on    /    /   , and the documents cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).

Applicant : Pierce  
Serial No. : 10008613  
Filed : 11/8/2001

Attorney's Docket No.: RSM014001

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☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed documents and favorable action are respectfully requested.

Date: December 1, 2006  
Law Office of Richard A. Dunning, Jr.  
343 Soquel Avenue, Suite 311  
Santa Cruz, CA 95062  
Telephone: 831.420.0561  
Facsimile: 831.576.1419

Respectfully submitted,  
/Richard A. Dunning, Jr. #42502/  
Attorney for Applicant

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

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**Complete if Known**

Appl. No. &amp; Conf. No.

10008613

3742

Filing Date

11/8/2001

First Named Inventor

Pierce et al.

Group Art Unit

2611

Examiner Name

Koenig, Andrew Y.

Attorney Docket Number

RSM014001

## U.S. PATENT DOCUMENTS

<b>Examiner Initials*</b>	<b>Cite No.<sup>1</sup></b>	<b>U.S. Patent Document</b>		<b>Name of Patente e Applicant or Applicant of Cited Document</b>	<b>Date of Publication of Cited Document MM-DD-YYYY</b>	<b>Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear</b>
		<b>Number</b>	<b>Kind Code<sup>2</sup> (if known)</b>			
	A	4,700,306		Wallmänder	10-13-1987	
	B	8,147,842		Perry, et al.	11-14-2000	
	C	6,181,821	B1	Konzi, et al.	01-30-2001	
	D	6,201,497		Snyder et al.	03-13-2001	
	E	6,437,832		Grabb, et al.	08-20-2002	
	F	6,522,297		Rabinowitz, et al.	02-18-2003	
	G	6,559,800		Rabinowitz, et al.	05-06-2003	
	H	6,648,603		Dooley, et al.	11-11-2003	
	I	6,717,547		Spilker, Jr., et al.	04-06-2004	
	J	6,727,847		Rabinowitz, et al.	04-27-2004	
	K	6,753,812		Rabinowitz, et al.	06-22-2004	
	L	6,808,830		Panasik, et al.	10-19-2004	
	M	6,839,024		Spilker, Jr., et al.	01-04-2005	
	N	6,859,173		Spilker, Jr., et al.	02-22-2005	
	O	6,861,984		Rabinowitz, et al.	03-01-2005	
	P	6,879,286		Rabinowitz, et al.	04-12-2005	
	Q	6,914,560		Spilker, Jr., et al.	07-05-2005	
	R	6,917,328		Rabinowitz, et al.	07-12-2005	
	S	6,952,182		Spilker, Jr., et al.	10-04-2005	
	T	6,961,020		Rabinowitz, et al.	11-01-2005	
	U	6,963,306		Spilker, Jr., et al.	11-08-2005	
	V	6,970,132		Spilker, Jr., et al.	11-29-2005	
	W	7,042,366		Omura, et al.	05-09-2006	
	X	7,042,949		Omura, et al.	05-09-2006	
	Y	7,126,536		Rabinowitz, et al.	10-24-2006	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>2</sup>	Foreign Patent Document			Name of Patented or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
Z	DE		3242997	A1	Standard Elektrik Lorenz	05-24-1984		
AA	DE		3242997 English Language Abstract	A1	Standard Elektrik Lorenz	05-24-1984		

Examiner  
Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231**